

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 1-15 in accordance with the following:

1. (currently amended) ~~Process~~ A process for producing moulded parts from plastic by means of a device having a first and a second mould plate, ~~having the following the process steps comprising:~~

[-] clamping the device in such a way that the first mould plate (1') is moved in the direction of the second mould plate (2') until the mould plates (1', 2') make contact at stop faces (9, 10);

[-] further clamping the device in such a way that the first mould plate (1') approaches the second mould plate (2') through a tilting movement;

[-] injecting plastic into the cavity (15) which is formed between the first mould plate (1') and the second mould plate (2') before and/or during the tilting movement;

[-] causing the two mould plates to be released from one another in the region of the stop faces (9, 10) shortly before termination of the clamping movement; and

[-] parallel clamping of the two mould plates.

2. (currently amended) ~~Process~~ The process according to ~~Claim~~ 1, characterized ~~in that wherein~~ shortly before termination of the clamping movement a force is reduced which holds the two mould plates (1', 2') together at the stop faces (9, 10) during the tilting movement.

3. (currently amended) ~~Process~~ The process according to ~~Claim~~ 1 or 2, characterized ~~in that wherein~~ the release of the stop faces (9, 10) is performed in conjunction with a remaining clamping path of less than 1 mm.

4. (currently amended) ~~Process~~ The process according to ~~one of the preceding claims, characterized in that~~ claim 1 or 2, wherein after the release of the mould plates (1', 2') the first mould plate (1') is shifted in the direction away from the second mould plate (2') in a defined movement which is determined by virtue of the fact that an axis of rotation of the first mould plate (1') is mounted in an axial guide (18) displaceably in the normal direction to the second mould plate (2') and at the same time rotatably.

5. (currently amended) ~~Process~~ The process according to ~~one of the preceding claims, characterized in that~~ claim 1 or 2, wherein the transition from the tilted position of the first mould plates (1', 2') into the parallel position of the mould plates (1', 2') is carried out by means of targeted control of a force compressing the two mould plates (1', 2'), or of the injection pressure accompanied by mould breathing.

6. (currently amended) ~~Process~~ The process according to ~~one of the preceding claims, characterized in that~~ claim 1 or 2, wherein no plastic is pressed back into the cavity (15) during parallel clamping of the mould plates (1', 2').

7. (currently amended) ~~Process~~ The process according to ~~one of the preceding claims, characterized in that~~ claim 1 or 2, wherein the moulded part is an optical moulded part.

8. (currently amended) ~~Process~~ The process according to ~~one of the preceding claims, characterized in that~~ claim 1 or 2, wherein the moulded part is a multi-component mould part which has a surface material, in particular film or fabric, onto which the moulded part is moulded.

9. (currently amended) ~~Device~~ A device for producing moulded parts from plastic, comprising which has:

[-] a first mould plate (1') mounted rotatably about an axis of rotation, and a second mould plate (2'), which are tilted relative to one another in an open state and make contact with one another at stop faces (9, 10);

[-] an axial guide (18) in which the axis of rotation of the first mould plate (1') is mounted rotatably and at the same time guided displaceably in the normal direction to the second form plate (2');;

[-] means for exerting a force (6) which, in the event of a clamping movement for which the first mould plate is tilted in the direction of the second mould plate (1', 2'), holds the two mould plates together at the stop faces (9, 10); and

[-] a control means which causes two mould plates (1', 2') to be released from one another shortly before termination of the clamping movement in the region of the stop faces (9, 10);

10. (currently amended) ~~Device~~ The device according to ~~Claim 9~~, characterized in that wherein the control means lowers the force (6) which holds the two mould plates (1', 2') together during the tilting movement at the stop faces (9, 10).

11. (currently amended) ~~Device~~ The device according to ~~one of Claims 9 or 10~~, characterized in that claim 9 or 10, wherein the axial guide (18) is formed as a support extending substantially perpendicular to the second mould plate (2') and having a longitudinal through-hole (20) as an axial holder.

12. (currently amended) ~~Device~~ The device according to ~~one of Claims 9 to 11~~, characterized in that claim 9 or 10, wherein the second mould plate (2') has a guiding cutout (19) into which the axial guide (18) dips upon the approach of two mould plates (1', 2').

13. (currently amended) ~~Device~~ The device according to ~~one of Claims 9 to 12~~, characterized in that claim 9 or 10, wherein the axis of rotation of the first mould plate (1'), which is mounted rotatably, is fixed in the region of the first mould plate (1') near the gate.

14. (currently amended) ~~Device~~ The device according to ~~one of Claims 9 to 13~~, characterized in that claim 9 or 10, wherein the second mould plate (2') is designed as a mould core plate, and a plastics feed unit (5) for injecting plastic into the cavity (15) is arranged in the edge region of a mould core (4).

15. (currently amended) ~~Device~~ The device according to ~~one of Claims 9 to 13~~, characterized in that claim 9 or 10, wherein the second mould plate (2') is designed as a cavity mould plate, and a plastics feed unit (5) for injecting plastic into the cavity (15) is arranged in the edge region of a cutout (3).